Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
Data File : BM018576.D
Acq On : 16 Jan 2019 00:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/16/2019 2:07:35 PM

Quant Time: Jan 16 00:58:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	205252	20.00	ng		-0.01
21) Naphthalene-d8	10.54	136	852377	20.00	ng		-0.01
39) Acenaphthene-d10	14.40	164	514749	20.00	ng		-0.01
64) Phenanthrene-d10	17.15	188	1263095	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1656487	20.00	ng		-0.01
87) Perylene-d12	23.62	264	1925224	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	890077	80.07	ng		-0.01
7) Phenol-d6	6.92	99	1201827	85.13	ng		-0.01
23) Nitrobenzene-d5	8.92	82	1163021	79.10	ng		0.00
42) 2,4,6-Tribromophenol	15.89	330	610027	93.07	ng		-0.01
45) 2-Fluorobiphenyl	13.02	172	3003006	76.12	ng		0.00
79) Terphenyl-d14	19.78	244	5848041	74.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	177148	39.101	ng		96
3) Pyridine	3.68	79	468196	41.451	ng		96
4) n-Nitrosodimethylamine	3.60	42	191209	40.938	ng	#	96
6) Aniline	7.09	93	700561	44.483	ng		99
8) 2-Chlorophenol	7.32	128	535771	41.269	ng		95
9) Benzaldehyde	6.90	77	319736	39.094	ng		95
10) Phenol	6.95	94	601703	41.941	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	451124	40.019	ng		93
12) 1,3-Dichlorobenzene	7.64	146	599921	38.803	ng		99
13) 1,4-Dichlorobenzene	7.79	146	615103	39.253	ng		98
14) 1,2-Dichlorobenzene	8.10	146	597038	40.181	ng		99
15) Benzyl Alcohol	8.00	79	455278	44.648	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	563725	39.131	ng		96
17) 2-Methylphenol	8.19	107	419227	43.049	ng		99
18) Hexachloroethane	8.82	117	218248	39.062	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	382754	41.659	ng		93
20) 3+4-Methylphenols	8.52	107	591189	43.976	ng		98
22) Acetophenone	8.58	105	825305	39.141	ng	#	97
24) Nitrobenzene	8.96	77	571586	39.509	ng		97
25) Isophorone	9.48	82	925952	41.587	ng		97
26) 2-Nitrophenol	9.66	139	315508	45.102	ng		96
27) 2,4-Dimethylphenol	9.72	122	422510	40.295	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	601887	39.131	ng		99
29) 2,4-Dichlorophenol	10.19	162	535545	42.893	ng		99
30) 1,2,4-Trichlorobenzene	10.40	180	600052	38.720	ng		100
31) Naphthalene	10.59	128	1617741	39.408	ng		99
32) Benzoic acid	9.86	122	356044m	50.103	ng		
33) 4-Chloroaniline	10.72	127	743356	45.980	ng		99
34) Hexachlorobutadiene	10.86	225	372640	38.062	ng		98
35) Caprolactam	11.52	113	207242	48.821	ng	#	87
36) 4-Chloro-3-methylphenol	11.84	107	577803	44.111	ng		99
37) 2-Methylnaphthalene	12.20	142	1167036	40.237	ng		98
38) 1-Methylnaphthalene	12.43	142	1136638	40.503	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	691307	38.405	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	365449	36.992	ng		99
43) 2,4,6-Trichlorophenol	12.82	196	464486	42.493	ng		100
44) 2,4,5-Trichlorophenol	12.90	196	496242	43.166	ng		98
46) 1,1'-Biphenyl	13.23	154	1714013	38.135	ng		98
47) 2-Chloronaphthalene	13.27	162	1335863	38.328	ng		99
48) 2-Nitroaniline	13.49	65	380458	44.370	ng		88
49) Acenaphthylene	14.12	152	2053156	40.423	ng		99
50) Dimethylphthalate	13.86	163	1706102	40.357	ng		99
51) 2,6-Dinitrotoluene	13.99	165	385977	43.103	ng		95
52) Acenaphthene	14.46	154	1227634	39.502	ng		98
53) 3-Nitroaniline	14.32	138	422663	46.817	ng		98
54) 2,4-Dinitrophenol	14.53	184	231017	50.567	ng		90
55) Dibenzofuran	14.80	168	2025922	39.454	ng		98
56) 4-Nitrophenol	14.63	139	361915	46.404	ng		94
57) 2,4-Dinitrotoluene	14.77	165	555963	43.880	ng		99
58) Fluorene	15.45	166	1563774	40.881	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	455355	44.686	ng		97
60) Diethylphthalate	15.23	149	1790587	41.956	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	881398	39.979	ng		98
62) 4-Nitroaniline	15.49	138	468362	47.563	ng		98
63) Azobenzene	15.74	77	1432946	41.182	ng		98
65) 4,6-Dinitro-2-methylphenol	15.53	198	323549	41.066	ng		89
66) n-Nitrosodiphenylamine	15.66	169	1536521	39.216	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	549978	38.910	ng		98
68) Hexachlorobenzene	16.45	284	614696	38.846	ng		98
69) Atrazine	16.62	200	598956	42.286	ng		98
70) Pentachlorophenol	16.80	266	481005	46.414	ng		99
71) Phenanthrene	17.19	178	2672859	39.784	ng		100
72) Anthracene	17.29	178	2666763	41.278	ng		100
73) Carbazole	17.56	167	2851504	42.961	ng		100
74) Di-n-butylphthalate	18.12	149	3167543	43.567	ng		100
75) Fluoranthene	19.21	202	3388682	43.749	ng		98
77) Benzidine	19.41	184	1753084	42.862	ng		99
78) Pyrene	19.58	202	3610206	36.768	ng		100
80) Butylbenzylphthalate	20.47	149	1660481	39.632	ng		99
81) Benzo(a)anthracene	21.33	228	3892137	39.884	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	1581163	42.848	ng		99
83) Chrysene	21.38	228	3727230	39.553	ng		100
84) Bis(2-ethylhexyl)phthalate	21.24	149	2414554	39.909	ng		99
85) Di-n-octyl phthalate	22.14	149	4307400	42.330	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.94	276	5302173	48.795	ng		96
88) Benzo(b)fluoranthene	22.93	252	4206514	38.486	ng		98
89) Benzo(k)fluoranthene	22.98	252	4144468	37.626	ng		98
90) Benzo(a)pyrene	23.52	252	4140814	39.573	ng		98
91) Dibenzo(a,h)anthracene	25.96	278	4469037	42.151	ng		98
92) Benzo(g,h,i)perylene	26.66	276	4440002	43.033	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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